

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Canceled)

9. (Previously Presented) A single lens reflex type electronic still camera, comprising:

a viewfinder device to which a subject image passing through a taking lens is guided by a quick return mirror;

a photographic image capturing device provided at a stage to the rear of the quick return mirror, that captures the subject image and outputs color image data;

an analytic image capturing device provided at a position that is substantially conjugate with said photographic image capturing device relative to the taking lens, that receives light forming the subject image guided to said viewfinder device from the quick return mirror and outputs color image data for scene analysis;

an arithmetic operation circuit that is supplied with the color image data for scene analysis output by said analytic image capturing device, and calculates in advance parameters including coefficients and gains to be utilized for image processing based upon the color image data for scene analysis; and

an image processing circuit that performs image processing on the color image data output by said photographic image capturing device using the parameters calculated at said arithmetic operation circuit.

10. (Previously Presented) A single lens reflex type electronic still camera, comprising:

a viewfinder device to which a subject image passing through a taking lens is guided by a quick return mirror;

a photographic image capturing device provided at a stage to the rear of the quick return mirror, that captures the subject image and outputs color image data;

an analytic image capturing device provided at a position that is substantially conjugate with said photographic image capturing device relative to the taking lens, that receives light forming the subject image guided to said viewfinder device from the quick return mirror and outputs color image data for scene analysis;

an arithmetic operation circuit that is supplied with the color image data for scene analysis output by said analytic image capturing device, and calculates in advance parameters including coefficients and gains to be utilized for image processing based upon the color image data for scene analysis; and an image processing circuit that calculates parameters such as coefficients and gains to be utilized for various types of image processing based upon image data corresponding to at least a specific area among photographic image data output by said photographic image capturing device and performs image processing on the photographic image data using the parameters; and

an analyzing circuit that performs scene analysis on the subject image based upon the color image data for scene analysis output by said analytic image capturing device and determines the specific area based upon results of the scene analysis.

11-14. (Canceled)

15. (Currently Amended) ~~An information recording apparatus according to claim 12, wherein:~~ An information recording apparatus comprising:

at least a first image capturing device and a second image capturing device that output image data by capturing a subject image passing through a taking lens;

an analyzing circuit that performs scene analysis on the subject image using image data output by, at least, either said first image capturing device or said second image capturing device; and

an image processing circuit that performs image processing on image data output by, at least, either said first image capturing device or said second image capturing device based upon scene analysis results obtained at said analyzing circuit; wherein:

said analyzing circuit calculates a gradation (γ) curve based upon brightness values in the image data for scene analysis; and

said image processing circuit corrects photographic image data based upon the gradation curve.

16. (Previously Presented) An information recording apparatus according to claim 15, wherein:

said image capturing device utilized for scene analysis is divided into a plurality of areas each having a plurality of pixels receiving the subject image and said analyzing circuit calculates the gradation curve based upon image data for scene analysis output from the plurality of areas.

17. (Currently Amended) ~~An information recording apparatus according to claim 12,~~ An information recording apparatus comprising:

at least a first image capturing device and a second image capturing device that output image data including color information by capturing a subject image passing through a taking lens;

an analyzing circuit that performs scene analysis on the subject image using image data output by, at least, either said first image capturing device or said second image capturing device; and

an image processing circuit that performs image processing on image data output by, at least, either said first image capturing device or said second image capturing device based upon scene analysis results obtained at said analyzing circuit; wherein:

the image data for scene analysis output by said image capturing device for scene analysis contain RGB signals, said analyzing circuit calculates gains for white balance adjustment based upon the RGB signals and said image processing circuit corrects photographic image data based upon the gains for white balance adjustment.

18. (Currently Amended) ~~An information recording apparatus according to claim 12,~~ An information recording apparatus comprising:
at least a first image capturing device and a second image capturing device that
output image data by capturing a subject image passing through a taking lens;
an analyzing circuit that performs scene analysis on the subject image using
image data output by, at least, either said first image capturing device or said second image
capturing device; and
an image processing circuit that performs image processing on image data
output by, at least, either said first image capturing device or said second image capturing
device based upon scene analysis results obtained at said analyzing circuit; wherein:

said image processing circuit calculates parameters including coefficients and gains to be utilized for various types of image processing based upon image data corresponding to, at least, a specific area among photographic image data output by said image capturing device for photographing; and

said analyzing circuit determines the specific area based upon scene analysis results.

19. (New) An information recording apparatus according to claim 15, wherein the information recording apparatus is an electronic still camera.

20. (New) An information recording apparatus according to claim 19, wherein said first image capturing device and said second image capturing device have different numbers of pixels from each other, and image data output by an image capturing device having a smaller number of pixels are input to said analyzing circuit.
21. (New) An information recording apparatus according to claim 17, wherein the information recording apparatus is an electronic still camera.
22. (New) An information recording apparatus according to claim 21, wherein said first image capturing device and said second image capturing device have different numbers of pixels from each other, and image data output by an image capturing device having a smaller number of pixels are input to said analyzing circuit.
23. (New) An information recording apparatus according to claim 18, wherein the information recording apparatus is an electronic still camera.
24. (New) An information recording apparatus according to claim 23, wherein said first image capturing device and said second image capturing device have different numbers of pixels from each other, and image data output by an image capturing device having a smaller number of pixels are input to said analyzing circuit.